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LISTING OF NON PATENT LITERATURE - O Series

EXAMINER INITIALS	REFERENCE NUMBER (L Series)	PUBLICATION DATE	INCLUDE IN SEQUENCE: Name of first author (in CAPITAL LETTERS), Title in quotation marks, name of publication, date of publication, page numbers, publisher, city of publication, and country of publication	ENGLISH LANGUAGE TRANSLATION ATTACHED? (YES OR NO) AND/OR OR IDENTIFICATION OF PRIORITY APPLICATION IN WHICH REFERENCE IS CITED
	O-001	1998	Jung et al., "Cell-Based Sensor Microelectrode Array Characterised by Imaging X-Ray Photoelectron Spectroscopy, Scanning Electro Microscopy, Impedance Measurements and Extracellular Recordings" J. Vacuum Science and Technology, vol. 16, no. 3, 1998, pp 1183-1188.	Of Record
	O-002	1990	Ambros-Ingerson et al., "Stimulation of Paleocortex Performs Hierarchical Clustering" Science, 247; 1990: 1344-48.	Of Record
	O-003	1991	Granger et al., "An Introduction to Neural and Electronic Networks" Ed's Zornetzer, S.F., Davis, L.J., and Lau, C., Academic Press, Inc., San Diego; 1991: 25-42.	Of Record
	O-004	1994	Adleman, "Molecular Computation of Solutions to Combinatorial Problems" Science, Vol. 266; 1994.	Of Record
	O-005	1997	Palsson, "Bionformation and the Creation of Biological Pathways or Genetic Circuits Using Silicon Based Models" 1997.	Of Record
	O-006	1995	Gross et al., "The Use of Neuronal Networks on Multielectrode Arrays as Biosensors" Biosens. Bioelectron., 10, 1995: 553-567; 1.	Of Record
	O-007	8/1/1998	Stenger et al., Related Articles - "Microlithographic Determination of Axonal/Dendritic Polarity in Cultured Hippocampal Neurons" J. Neurosci. Methods; Aug. 1; 82(2) 1998: 167-73.	Of Record
	O-008	1993	LeMasson et al., "Activity-Dependent Regulation of Conductances in Model Neurons" Science, 259, 1993: 1915-17.	Of Record
	O-009	1995	Marder et al., "Theory in Motion" Curr. Opin. Neurobiol.; 5, 1995: 832-40.	Of Record

O-010	1997	Schizas, "Learning Systems in Biosignal Analysis" Biosystems; 41, 1997: 105-25.	Of Record
O-011	1992	Hickman et al., "Toward Orthogonal Self-Assembly of Redox Active Molecules on Pt and Au: Selective Reaction of Disulfide with Au and Isonitrile with Pt" Langmuir; 8: 1992: 357.	Of Record
O-012	4/21/1995	Schaffner et al., "Investigation of the Factors Necessary for Growth of Hippocampal Neurons in a Defined System" Journal of Neuroscience Methods 62 (1995) 111-119.	Of Record
O-013	1993	Riley, "Functions of Gene Products of Escherichia coli" Microbiol. Rev.; 57; 1993: 862-952.	Of Record
O-014	3/2000	Freshney, "Culture of Animal Cells. A Manual of Basic Techniques" 4 th Ed., Wiley, John & sons, March 2000; ABSTRACT.	Of Record
O-015	1991	Fromherz et al., "A Neuron-Silicon Junction: A Retzius Cell of the Leech on an Insulated-Gate Field-Effect Transistor" Science; 252: 1991: 1290-93.	Of Record
O-016	1997	Becerra et al., "Toxins and Genes Isolated from Scorpions of the genus Tityus" Toxicon, 35, 1997: 821-35.	Of Record
O-017	1993	Brazil et al., "Toxins as Tools in the Study of Sodium Channel Distribution in the Muscle Fibre Membrane" Toxicon, 31; 1993: 1085-98.	Of Record
O-018	1995	Cantiello, "Role of the Actin Cytoskeleton on Epithelial Na ⁺ Channel Regulation" Kidney Int.; 48, 1995: 970-984.	Of Record
O-019	1996	Cassola et al., "Use of Neurotoxins to Study Ca ²⁺ Channel Functions" Braz. J. Med. Biol. Res., 29; 1996: 1759-63.	Of Record
O-020	1992	Catterall et al., "Molecular Properties of the Sodium Channel: a Receptor for Multiple Neurotoxins" Bull. Soc. Pathol. Exot., 85 (5 Pt 2); 1992: 481-85.	Of Record

O-021	1996	Childres et al., "Role of Cyclic AMP in the Actions of the Cannabinoid Receptors" <i>Biochem. Pharmacol.</i> , 52, 1996: 819-27.	Of Record
O-022	1996	Cowan et al., "Hypothesis for Synergistic Toxicity of Organophosphorus Poisoning-Induced Cholinergic Crises and Anaphylactoid Reactions" <i>U. Appl. Toxicol.</i> , 16, 1996: 25-33.	Of Record
O-023	1994	Dryer, "Na ⁺ -Activated K ⁺ Channels: a New Family of Large Conductance Ion Channels" <i>Trends Neurosci.</i> , 17, 1994: 155-60.	Of Record
O-024	1996	Faden, "Neurotoxic Versus Neuroprotective Actions of Endogenous Opioid Peptides: Implications for Treatment of CNS Injury" <i>NIDA Res. Monogr.</i> , 163, 1996: 318-30.	Of Record
O-025	2/1/1977	Fields et al., "Signalling Functions and Biochemical Properties of Pertussis Toxin-Resistant G-Proteins" <i>Biochem. J.</i> , 321 (Pt3), 1977 Feb 1:561-71.	Of Record
O-026	1996	Fozzard et al., "The Guanidinium Toxin Binding Site on the Sodium Channel" <i>Jpn. heart J.</i> , 37, 1996: 683-92.	Of Record
O-027	1990	Harvey, "Presynaptic Effects of Toxins" <i>Int. Rev. Neurobiol.</i> , 32, 1990: 201-39.	Of Record
O-028	1994	Hille, "Modulation of Ion-Channel Function by G-Protein-Coupled Receptors" <i>Trends Neurosci.</i> , 17, 1994: 923-42.	Of Record
O-029	1997	Holstege et al., "Chemical Warfare. Nerve Agent Poisoning" <i>Crit. Care Clin.</i> , 13, 1997: 923-42.	Of Record
O-030	1990	Janiszewski, "The Action of Toxins on the Voltage-Gated Sodium Channel" <i>Pol. J. Pharm.</i> , 42, 1990: 582-88.	Of Record
O-031	1994	Nisch et al., "A thin Film Microelectrode Array for Monitoring Extracellular Neuronal Activity in Vitro" <i>Biosensors & Bioelectronics</i> , GB, Elsevier Science Publishers, Barking, vol. 9, no. 9/10, pp 737-741.	Of Record

O-032	1993	Gross et al., "Stimulation of Monolayer Networks in Culture Through Thin-Film Indium-Tin Oxide Recording Electrodes" <i>Journal of Neuroscience Methods</i> , NL, Elsevier Science Publisher B.V., Amsterdam, vol. 50, 1993, pp 131-143.	Of Record
O-033	12/10/1998	Pancrazio et al., "Portable Cell-Based Biosensor System for Toxin Detection" <i>Sensors and Actuators B</i> , CH, Elsevier Sequoia S.A., Lausanne, vol. 53, no. 3, pp 179-185.	Of Record
O-034	1996	Mohr et al., "Performance of a Thin Film Microelectrode Array for Monitoring Electrogenic Cells in Vitro" <i>Sensors and Actuators B</i> 34, pp. 265-269.	Of Record
O-035	1993	Kallen et al., "Structure, Function and Expression of Voltage-Dependent Sodium Channels" <i>Mol. Neurobiol.</i> , 7, 1993: 383-428.	Of Record
O-036	1993	Lewis et al., "Origin and Transfer of Toxins Involved in Ciguatera" <i>Comp. Biochem. Physiol. C</i> , 106, 1993: 615-28.	Of Record
O-037	1996	Mori et al., "Molecular Pharmacology of Voltage-Dependent Calcium Channels" <i>Jpn. J. Pharmacol.</i> , 72, 1996: 83-109.	Of Record
O-038	1992	Narahashi et al., "Sodium and GABA-Activated Channels as the Targets of Pyrethroids and Cycloidiens" <i>Toxicol. Lett.</i> , 1992: 429-436.	Of Record
O-039	1994	Narahashi et al., "Recent Advances in the Study of Mechanism of Action of Marine Neurotoxins" <i>Neurotoxicology</i> , 15, 1994: 545-54.	Of Record
O-040	1994	Nestler et al., "Molecular and Cellular Mechanism of Opiate Action: Studies in the Rat Locus Coeruleus" <i>Brain Res. Bull.</i> , 35, 1994: 521-28.	Of Record
O-041	1991	Norton, "Structure-Function Relationships of Sea Anemone Proteins that Interact with the Sodium Channel" <i>Toxicon</i> , 29, 1991: 1051-84.	Of Record

O-042	1994	Pearson, "Modulation of Voltage-Dependent Calcium Channels in Cultured Neurons" Ann. N.Y. Acad. Sci., 747, 1994: 325-35.	Of Record
O-043	1993	Pfister et al., "Interactions of a G-Protein with its Effector: Transducin and cGMP Phosphodiesterase in Retinal Rods" Cell Signal, 5, 1993: 235-41.	Of Record
O-044	1990	Piek, "Neurotoxins from Venoms of the Hymenoptera - Twenty-Five Years of Rresearch in Amsterdam" Comp. Biochem. Physiol. C., 96, 1990: 223-33.	Of Record
O-045	1996	Rizzo et al., "Mechanisms of Paresthesiae, Dysesthesiae, and Hyperesthesiae: Role of Na ⁺ Channel Heterogeneity" Eur. Neurol., 36, 1996: 3-12.	Of Record
O-046	1996	Rowan et al., "Toxins Affecting K ⁺ " Braz. J. Med. Biol. Res., 29, 1996: 1765-80.	Of Record
O-047	12/1992	Savolainen et al., "Second Messengers in Cholinergic-Induced Convulsions and Neuronal Injury" Toxicol. Lett., 1992 Dec: 64-65 Spec No: 437-45.	Of Record
O-048	1992	Schantz et al., "Properties and Use of Botulinum Toxin and Other Microbial Neurotoxins in Medicine" Microbiol. Rev., 56, 1992: 80-99.	Of Record
O-049	11/1990	Smith, "Strychnine Poisoning" [Published erratum appears in J. Emerg. Med., 9(6), 1991 Nov-Dec: 555]; J. Emerg. Med., 8, 1990: 321-25.	Of Record
O-050	1997	Solberg et al., "The Role of Excitotoxicity in Organophosphorous Nerve Agents Central Poisoning" Trends Pharmacol. Sci., 18, 1997: 183-85.	Of Record
O-051	1993	Swift et al., "Ciguatera" IJ. Toxicol. Clin. Toxicol., 31, 1993: 1-29.	Of Record
O-052	1997	Uchitel, "Toxins Affecting Calcium Channels in Neurons" Toxicon, 35, 1997: 1161-91.	Of Record

O-053	1996	Van et al., "Pharmacological Effects of Oximes: How Relevant are they?" Arch. Toxicol., 70, 1996: 779-86.	Of Record
O-054	1997	Wu, "Enhancement of Immunotoxin Activity Using Chemical and Biological Reagents" Br. J. Cancer, 75, 1997: 1347-55.	Of Record
O-055	1994	Yoshida, "Tetrodotoxin-Resistant Sodium Channels" Cell. Mol. Neurobiol., 14, 1994: 227-44.	Of Record
O-056	1993	Riley, "Functions of Gene Products of Escherichia Coli" Microbiol. Rev., 57, 1993: 862-952.	Of Record
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O-058	3/1998	Okuhara et al., Related Articles - "Corticosteroids Alter 5-Hydroxytryptamine 1A Receptor Effector Pathway in Hippocampal Subfield CA3 Pyramidal Cells" J. Pharmacol. Exp. Ther., 284(3), 1998 Mar: 1227-33.	Of Record
O-059	7/1/1997	Miller et al., Related Articles - "Cholecystokinin Increases GABA Release by Inhibiting a Resulting K ⁺ Conductance in Hippocampal Interneurons" J. Neurosci., 17(13), 1997 Jul. 1: 4994-5003.	Of Record
O-060	1/1996	Figenschou et al., Related Articles - "Cholinergic Modulation of the Action Potential in Rat Hippocampal Neurons" Eur. J. Neurosci., 8(1), 1996 Jan: 211-19.	Of Record
O-061	8/1993	Brewer et al., Related Articles - "Optimized Survival of Hippocampal Neurons in B27-Supplemental Neurobasal, a New Serum-Free Medium Combination" J. Neurosci. Res., 35(5), 1993 Aug. 1: 567-76.	Of Record
O-062		Wheeler, "Real Time Techniques for Automatic Discrimination of Single Units" Book chapter, in press, to "Methods for Neural Ensemble Recordings" M. Nicolelis (ed.), CRC Press.	Of Record

O-063	1991	Hickman et al., "Molecular Self-Assembly of Two-Terminal Microsensors with Internal References" Science, 252, 1991: 688.	Of Record
O-064	1994	Wheeler et al., "Multineuron Patterning and Recording" in McKenna & Stenger (Eds.) "Enabling Technologies for Cultured Neural Networks" Academic Press; 1994: 167-85.	Of Record
O-065	11/18/1997	Ma et al., "Neuronal and Glial Epitopes and Transmitter-Synthesizing Enzymes Appear in Parallel with Membrane Excitability During Neuroblastoma X Glioma Hybrid Differentiation, Developmental Brain Research 106 (1998) 155-163.	Of Record
O-066		International Preliminary Examination Report PCT/US00/13966.	
O-067		International Search Report PCT/US00/13966.	
O-068	2/3/2006	Mohan et al., "Toxin Detection Based on Action Potential Shape Analysis Using a Realistic Mathematical Model of Differentiated NG108-15 Cells" Biosensors and Bioelectronics 21 (2006) 1804-1811.	Of Record
O-069	1991	Ukman, "An Introduction to Ultrathin Organic Films from Langmuir-Blodgett to Self-Assembly, Academic Press, Inc. pp 245-251.	Of Record
O-070	12/1998	Sokal et al., "Differential Effect on Thapsigargin on Bicuculline- and Gabazine-Induced Epileptiform Excitability in Dissociated Rat Hippocampal Neurones, " British Journal of Pharmacol., vol. 125 (Proceedings suppl.), abstract 40p, cited in view of the Guidelines, VI, 7.24.	
O-071	1996	Mohr et al., "Performance of a Thin Film Microelectrode Array for Monitoring Electrogenic Cells in Vitro" Sensors and Actuators, vol. 34, 1996, pp 265-269.	

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